Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20030035610"	US-PGPUB; USPAT	OR	ON	2004/11/09 18:10
S2	1	"20030035610"	US-PGPUB; USPAT	OR	ON	2004/11/04 14:26
S3	18	((dielectric with stack) same modulat$6) and (quantum with well)	US-PGPUB; USPAT	OR	ON	2003/12/20 11:53
S4	18	((dielectric with stack) same modulat$6) and ((gallium with arseni$6) or (aluminu$6 with arseni$6))	US-PGPUB; USPAT	OR	ON	2003/12/20 11:57
S5	3	(((dielectric with stack) same modulat$6) and (quantum with well)) and (((dielectric with stack) same modulat$6) and ((gallium with arseni$6) or (aluminu$6 with arseni$6)))	US-PGPUB; USPAT	OR	ON	2003/12/20 11:35
S6	0	"6259719".URPN.	USPAT	OR	ON	2003/12/20 11:48
S7	7	"5726462".URPN.	USPAT	OR	ON	2003/12/20 11:50
S8	155	((dielectric with layer$6) same modulat$6) and (quantum with well)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:26
S9	18	((dielectric with stack) same modulat$6) and ((gallium with arseni$6) or (aluminu$6 with arseni$6)) and ((gallium with arseni$6) or (aluminu$6 with arseni$6))	US-PGPUB; USPAT	OR	ON	2003/12/20 11:54
S10	140	((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)	US-PGPUB; USPAT	OR	ON	2003/12/20 11:59
S11	17	((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)	US-PGPUB; USPAT	OR	ON	2003/12/20 12:03
S12	147	(((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))	US-PGPUB; USPAT	OR	ON	2003/12/29 06:55

S13	2	((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and 385/16.ccls.	US-PGPUB; USPAT	OR	ON	2003/12/27 15:10
S14	38	((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and (phas$6 near2 modulat$6)	US-PGPUB; USPAT	OR	ON	2003/12/27 15:30
S15	11	(((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and (phas$6 near2 modulat$6)) and (dielectric$6 with refract$6 with index)	US-PGPUB; USPAT	OR	ON	2003/12/27 15:40
S16	41	((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and ((Gaas with Alas) or (gallium with aluminum))	US-PGPUB; USPAT	OR	ON	2003/12/27 15:43

S17	4	((((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and (phas$6 near2 modulat$6)) and (dielectric$6 with refract$6 with index)) and (((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and ((Gaas with Alas) or (gallium with aluminum)))	US-PGPUB; USPAT	OR	ON	2004/05/29 23:55
S18	147	(((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))	US-PGPUB; USPAT	OR	ON	2003/12/29 06:56
S19	23	((((dielectric with layer$6) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs)) or (((dielectric with stack) same modulat$6) and (quantum with well) and ((gallium with arseni$6) or (aluminu$6 with arseni$6) or $2"GaAs" or AlAs))) and (free with carr$6)	US-PGPUB; USPAT	OR	ON	2003/12/29 07:41
S20	3	"5321253".URPN.	USPAT	OR	ON	2003/12/29 07:31
S21	1	"5321253".pn. and (optic$6 with generat$6)	US-PGPUB; USPAT	OR	ON	2004/05/29 23:55
S22	87	GaAs with AlGaAs with dielectric$6	US-PGPUB; USPAT	OR	ON	2003/12/29 09:27
S23	25	GaAs with dop$6 with nonlinear$6	US-PGPUB; USPAT	OR	ON	2003/12/29 09:27
S24	3	"5751466".pn. or "5907427".pn. or "6028693".pn.	US-PGPUB; USPAT	OR	ON	2004/05/30 00:23
S25	0	"5907427".pn. and (gaas same "610")	US-PGPUB; USPAT	OR	ON	2004/05/30 00:24

S26	1	"5907427".pn. and "610"	US-PGPUB; USPAT	OR	ON	2004/05/30 00:23
S27	1	"5907427".pn. and (gaas same defect)	US-PGPUB; USPAT	OR	ON	2004/05/31 12:39
S28	13	"5907427".URPN.	USPAT	OR	ON	2004/09/22 15:12
S29	17	"6028693".URPN.	USPAT	OR	ON	2004/05/31 12:43
S30	0	"5907427".pn. and (phas$6 same modulat$6)	US-PGPUB; USPAT	OR	ON	2004/05/31 12:40
S31	0	"5907427".pn. and phas$6	US-PGPUB; USPAT	OR	ON	2004/05/31 12:40
S32	11	"6028693".URPN. and phas$6	USPAT	OR	ON	2004/09/22 19:38
S33	3	"5907427".URPN. and (phas$6 same modulat$6)	USPAT	OR	ON	2004/05/31 12:43
S34	3	"6028693".URPN. and (phas$6 same modulat$6)	USPAT	OR	ON	2004/05/31 12:43
S35	5	("5907427".URPN. and (phas$6 same modulat$6)) or ("6028693".URPN. and (phas$6 same modulat$6))	USPAT	OR	ON	2004/05/31 12:53
S36	1	"20030035610" and (phase with modulat$6)	US-PGPUB; USPAT	OR	ON	2004/05/31 14:57
S37	1	(("5907427".URPN. and (phas$6 same modulat$6)) or ("6028693".URPN. and (phas$6 same modulat$6))) and carrier	USPAT	OR	ON	2004/05/31 13:09
S38	2	(("5907427".URPN. and (phas$6 same modulat$6)) or ("6028693".URPN. and (phas$6 same modulat$6))) and volt$6	USPAT	OR	ON	2004/05/31 13:10
S39	0	"6028693".PN. and (decreas$6 with ind$7)	USPAT	OR	ON	2004/05/31 14:49
S40	1	"6028693".PN. and (increas$6 with ind$7)	USPAT	OR	ON	2004/11/03 19:27
S41	1	"20030035610" and (decreas$6 with ind$7)	US-PGPUB; USPAT	OR	ON	2004/05/31 15:01
S42	1	(("5907427".URPN. and (phas$6 same modulat$6)) or ("6028693".URPN. and (phas$6 same modulat$6))) and (decreas$6 with ind$7)	US-PGPUB; USPAT	OR	ON	2004/05/31 15:01
S43	20	((dielectric with layer$6) same modulat$6) and (quantum with well) and (pump$6 same modulat$7)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:58
S44	12	((dielectric with layer$6) same modulat$6) and (quantum with well) and (pump$6 with modulat$7)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:32
S45	12	((dielectric with layer$6) same modulat$6) and (quantum with well) and (pump$6 with modulat$7)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:32

S46	1	"20030035610" and (phas$6 same pump$6 same modulat$6)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:58
S47	1	("20030035610" and (phas$6 same pump$6 same modulat$6)) and (modulat$6 same (index or indic$6))	US-PGPUB; USPAT	OR	ON	2004/05/31 21:59
S48	8	((dielectric with layer$6) same modulat$6) and (quantum with well) and (pump$6 same modulat$7) and (phas$6 same pump$6 same modulat$6)	US-PGPUB; USPAT	OR	ON	2004/05/31 21:59
S49	7	(((dielectric with layer$6) same modulat$6) and (quantum with well) and (pump$6 same modulat$7) and (phas$6 same pump$6 same modulat$6)) and (modulat$6 same (index or indic$6))	US-PGPUB; USPAT	OR	ON	2004/05/31 22:49
S50	0	"6028693".pn. and (switch$6 same modulat$7)	USPAT	OR	ON	2004/05/31 23:14
S51	0	"6028693".pn. and (switch$6 same phas$7)	USPAT	OR	ON	2004/06/01 13:28
S52	1	"6028693".pn. and (transmi$7 same function$7)	USPAT	OR	ON	2004/06/01 13:29
S53	1	"6028693".pn. and (transmi$7 with function$7)	USPAT	OR	ON	2004/06/01 13:37
S54	0	"6028693".pn. and ((transmi$7 with function$7) same phas$7)	USPAT	OR	ON	2004/06/01 13:37
S55	1	"6028693".pn. and (transmi$7 with phas$7)	USPAT	OR	ON	2004/06/01 13:45
S56	1	"6028693".pn. and (shift$7 with phas$7)	USPAT	OR	ON	2004/06/01 13:46
S57	1	"6028693".pn. and (layer with stack)	USPAT	OR	ON	2004/09/22 19:37
S58	16	"6028693".URPN. and phas$6	USPAT	OR	ON	2004/09/22 19:38
S59	16	"6028693".URPN. and phas$6	US-PGPUB; USPAT	OR	ON	2004/09/22 19:40
S60	22	"6028693".URPN.	US-PGPUB; USPAT	OR	ON	2004/09/22 19:48
S61	375	(defect$6 with layer) and (phase with modula$6)	US-PGPUB; USPAT	OR	ON	2004/09/22 19:49
S62	176	(defect$6 with layer) and (phase near1 modula$6)	US-PGPUB; USPAT	OR	ON	2004/09/22 19:50
S63	30	((defect$6 with layer) and (phase near1 modula$6)) and (defect$6 with ($6period$6))	US-PGPUB; USPAT	OR	ON	2004/11/03 19:17
S64	199	(modulator with (decreas$6 or less$6 or low$6) with index) and (optic$6 with (fiber or waveguide))	US-PGPUB; USPAT	OR	ON	2004/11/03 19:19

S65	96	(modulator with (decreas$6 or less$6 or low$6) near2 index) and (optic$6 with (fiber or waveguide))	US-PGPUB; USPAT	OR	ON	2004/11/03 22:09
S66	0	(modulator with (decreas$6 or less$6 or low$6) near2 index) and (optic$6 with (fiber or waveguide)) and "may serve to increase or decrease"	US-PGPUB; USPAT	OR	ON	2004/11/03 22:10
S67	96	(modulator with (decreas$6 or less$6 or low$6) near2 index) and (optic$6 with (fiber or waveguide))	US-PGPUB; USPAT	OR	ON	2004/11/03 22:10
S68	1	(modulator with (decreas$6 or less$6 or low$6) near2 index) and (optic$6 with (fiber or waveguide)) and (may with serve with increase with decrease)	US-PGPUB; USPAT	OR	ON	2004/11/03 22:42
S69	4	((modulator with (decreas$6 or less$6 or low$6) near2 index) and (optic$6 with (fiber or waveguide))) and ((phase or group) with velocity) same (band$6 or $6band)	US-PGPUB; USPAT	OR	ON	2004/11/03 22:56
S70	319	alas with barrier with layer	US-PGPUB; USPAT	OR	ON	2004/11/04 10:40
S71	141	((decreas$6 or less$6 or lower$6) near2 index) with short$6 with wavelength	US-PGPUB; USPAT	OR	ON	2004/11/04 10:42
S72	126	((decreas$6 or less$6 or lower$6) near2 index) with (short$6 near1 wavelength)	US-PGPUB; USPAT	OR	ON	2004/11/04 18:34
S73	2	((decreas$6 or less$6 or lower$6) near2 index) with (short$6 near1 wavelength) same modulator	US-PGPUB; USPAT	OR	ON	2004/11/04 10:45
S74	12	((decreas$6 or less$6 or lower$6) near2 index) with (short$6 near1 wavelength) same modulat$6	US-PGPUB; USPAT	OR	ON	2004/11/04 10:55
S75	2	"5657157".URPN.	USPAT	OR	OFF	2004/11/04 11:48
S76	1488	alas with gaas with (stack$6 or layer$6)	US-PGPUB; USPAT	OR	ON	2004/11/04 14:05
S77	88	(alas with gaas with (stack$6 or layer$6)) and "385"/$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 16:56
S78	1011	(alas with gaas with (stack$6 or layer$6)) and (MQW or (quantum with well))	US-PGPUB; USPAT	OR	ON	2004/11/04 14:06
S79	513	(alas with gaas with (stack$6 or layer$6)) same (MQW or (quantum with well))	US-PGPUB; USPAT	OR	ON	2004/11/04 14:06
S80	28	((alas with gaas with (stack$6 or layer$6)) same (MQW or (quantum with well))) and "385"/$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 14:07

S81	1	"20020081055"	US-PGPUB; USPAT	OR	ON	2004/11/04 17:07
S82	246	(quarter near1 wave$6 near1 thick$6) same (stack$6)	US-PGPUB; USPAT	OR	ON	2004/11/04 14:41
S83	135	(quarter near1 wave$6 near1 thick$6) same (stack$6) same alternat$7	US-PGPUB; USPAT	OR	ON	2004/11/04 14:43
S84	5	(quarter near1 wave$6 near1 thick$6) same (stack$6) same alternat$7 same ("mu" or micrometer)	US-PGPUB; USPAT	OR	ON	2004/11/04 14:46
S85	20	(quarter near1 wave$6 near1 thick$6) same (stack$6) same alternat$7 same ("nm" or nanometer)	US-PGPUB; USPAT	OR	ON	2004/11/04 15:08
S86	576	(gaas$6 or $6gaas) with thick$6 with (stack$6 or layer$6) with alternat$6	US-PGPUB; USPAT	OR	ON	2004/11/04 15:45
S87	29	((gaas$6 or $6gaas) with thick$6 with (stack$6 or layer$6) with alternat$6) and "385"/$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 15:24
S88	228	((gaas$6 or $6gaas) with thick$6 with (stack$6 or layer$6) with alternat$6) and modulat$6	US-PGPUB; USPAT	OR	ON	2004/11/04 15:19
S89	16	(((gaas$6 or $6gaas) with thick$6 with (stack$6 or layer$6) with alternat$6) and modulat$6) and "385"/$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 15:35
S90	1	"6282219".pn. and (coupl$6 with effic$6)	US-PGPUB; USPAT	OR	ON	2004/11/04 15:35
S91	12	"5604628".URPN.	USPAT	OR	OFF	2004/11/04 15:40
S92	5	(gaas$6 or $6gaas) with (thick$6 near1 (differ$7 or var$7)) with (stack$6 or layer$6) with alternat$6	US-PGPUB; USPAT	OR	ON	2004/11/04 15:46
S93	83	MQW with dielectric$6	US-PGPUB; USPAT	OR	ON	2004/11/04 16:49
S94	47	((quantum with well) or MQW) with dielectric$6 with barrier	US-PGPUB; USPAT	OR	ON	2004/11/04 16:53
S95	124	dielectric$6 with ingaasp	US-PGPUB; USPAT	OR	ON	2004/11/04 16:55
S96	37270	dielectric$6 with semiconductor	US-PGPUB; USPAT	OR	ON	2004/11/04 16:55
S97	3170	dielectric$6 near1 semiconductor	US-PGPUB; USPAT	OR	ON	2004/11/04 16:56
S98	128	(dielectric$6 near1 semiconductor) and "385"/$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 16:59
S99	4	AlInGaAs with AlAs	US-PGPUB; USPAT	OR	ON	2004/11/04 16:59
S100	1	"20020081055" and inga$7	US-PGPUB; USPAT	OR	ON	2004/11/04 17:18
S101	1	"20030035610" and (In$7 or indium)	US-PGPUB; USPAT	OR	ON	2004/11/04 17:10

S10 2	1	"20030035610" and (gaas$7 or $7gaas)	US-PGPUB; USPAT	OR	ON	2004/11/04 17:17
S10 3	1	"20020081055" and (gaas$7 or $7gaas)	US-PGPUB; USPAT	OR	ON	2004/11/04 17:23
S10 4	114	dielectric$6 near1 (gaas$7 or $7gaas)	US-PGPUB; USPAT	OR	ON	2004/11/09 17:35
S10 5	4	dielectric$6 near1 $7gaasP	US-PGPUB; USPAT	OR	ON	2004/11/04 17:30
S10 6	1	"20010044119" and (interfer$6 with spectr$6)	US-PGPUB; USPAT	OR	ON	2004/11/04 18:34
S10 7	0	"20030035610" and inga$7	US-PGPUB; USPAT	OR	ON	2004/11/04 18:41
S10 8	1	"20030035610"	US-PGPUB; USPAT	OR	ON	2004/11/04 18:42
S10 9	1	"20030035610" and (transmi$7 with funct$6)	US-PGPUB; USPAT	OR	ON	2004/11/04 18:43
S11 0	0	dielectric$6 near1 (gaas$7 or $7gaas) and 385/2.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/09 17:36
S11 1	4	alas with gaas with (stack$6 or layer$6) and 385/2.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/09 17:37
S11 2	552	385/16.ccls. and (modulat$6 same switch$6)	US-PGPUB; USPAT	OR	ON	2004/11/09 18:11
S11 3	422	385/16.ccls. and (modulat$6 with switch$6)	US-PGPUB; USPAT	OR	ON	2004/11/09 18:14
S11 4	56	385/16.ccls. and 385/2.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/09 18:15
S11 5	39	S113 and S114	US-PGPUB; USPAT	OR	ON.	2004/11/09 18:16